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(54) Title: FIBROUS MATTE SUPPORT AND METHOD FOR THE PHOTOPROMOTED CATALYZED DEGRADATION OF COMPOUNDS IN A FLUID STREAM

(57) Abstract

A fibrous matte web is used to support a semiconductor catalyst for use in the photopromoted catalyzed degradation of compounds in a fluid stream. The catalyst, which may be a transition metal oxide, is affixed to at least one side of the matte web, and preferably the downstream side thereof. In one embodiment, the matte web is comprised of a plurality of fibers of glass or other suitable material permitting fluid to pass therethrough, and the side or sides containing the catalyst are directly illuminated by a suitable light source.

